

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053939.D
 Acq On : 27 Apr 2023 16:18
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Apr 28 07:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30436	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.916	69	27083	3.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	13549	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.636	46	75695	50.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	5.060	84	72748	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.697	65	33186	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	139956	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.687	67	43007	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.896	98	130679	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	16281	4.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.629	63	63327	50.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34660	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	48480	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54708	5.514	ug/L	95
3) Chloromethane	1.520	50	52615	5.461	ug/L	99
5) Vinyl chloride	1.604	62	61988	5.576	ug/L	97
6) Bromomethane	1.858	94	41869	5.788	ug/L	96
8) Chloroethane	1.935	64	37186	5.359	ug/L	99
9) Trichlorofluoromethane	2.137	101	89426	5.449	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	53773	5.638	ug/L	98
12) 1,1-Dichloroethene	2.581	96	46743	5.557	ug/L	90
13) Acetone	2.645	43	69729	57.632	ug/L	98
14) Carbon disulfide	2.793	76	122626	5.320	ug/L	100
15) Methyl Acetate	2.954	43	14650	5.610	ug/L	94
16) Methylene chloride	3.044	84	53991	4.703	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	100901	5.537	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	48239	5.675	ug/L	100
19) 1,1-Dichloroethane	3.867	63	88655	5.763	ug/L	97
21) 2-Butanone	4.713	43	97188	58.030	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	54123	5.644	ug/L	95
23) Bromochloromethane	4.973	128	24596	5.764	ug/L	91
25) Chloroform	5.083	83	94783	5.673	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053939.D
 Acq On : 27 Apr 2023 16:18
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Apr 28 07:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	52326	5.464	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	82074	5.809	ug/L	98
30) Cyclohexane	5.388	56	68708	5.413	ug/L	100
31) Carbon tetrachloride	5.523	117	70519	5.742	ug/L	97
33) Benzene	5.771	78	202214	5.708	ug/L	100
34) Trichloroethene	6.539	95	55853	5.786	ug/L	97
35) Methylcyclohexane	6.761	83	83353	5.590	ug/L	98
37) 1,2-Dichloropropane	6.787	63	53297	6.064	ug/L	98
38) Bromodichloromethane	7.102	83	61927	5.636	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	75009	5.659	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	219535	55.372	ug/L	99
42) Toluene	7.967	91	219886	5.853	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	58942	5.499	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	36953	5.609	ug/L	98
47) Tetrachloroethene	8.549	164	44558	5.824	ug/L	99
48) 2-Hexanone	8.681	43	165956	55.070	ug/L	99
49) Dibromochloromethane	8.806	129	39053	5.599	ug/L	100
50) 1,2-Dibromoethane	8.922	107	34143	5.603	ug/L #	90
51) Chlorobenzene	9.443	112	143985	5.645	ug/L	98
52) Ethylbenzene	9.568	91	234626	5.687	ug/L	99
53) m,p-Xylene	9.690	106	90411	5.719	ug/L	97
54) o-Xylene	10.095	106	87505	5.737	ug/L	100
55) Styrene	10.111	104	144915	5.807	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	42111	5.362	ug/L	94
59) Bromoform	10.285	173	19735	5.233	ug/L	95
60) Isopropylbenzene	10.481	105	233568	5.857	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	28479	5.569	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	187232	5.776	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	190665	5.812	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	112286	5.634	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	112604	5.592	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	102356	5.561	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5773	5.477	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	81022	5.678	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	66970	5.155	ug/L	98
71) Naphthalene	14.082	128	106643	4.644	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	60070	5.182	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

